

APPARATUS, SYSTEM, AND METHOD FOR
ON-DEMAND CONTROL OF GRID SYSTEM RESOURCES

Joseph J. Fatula

IBM Docket No.: SJO9-2003-0066SU1 (BWB)

Kunzler & Associates Docket No.: 1200.2.95

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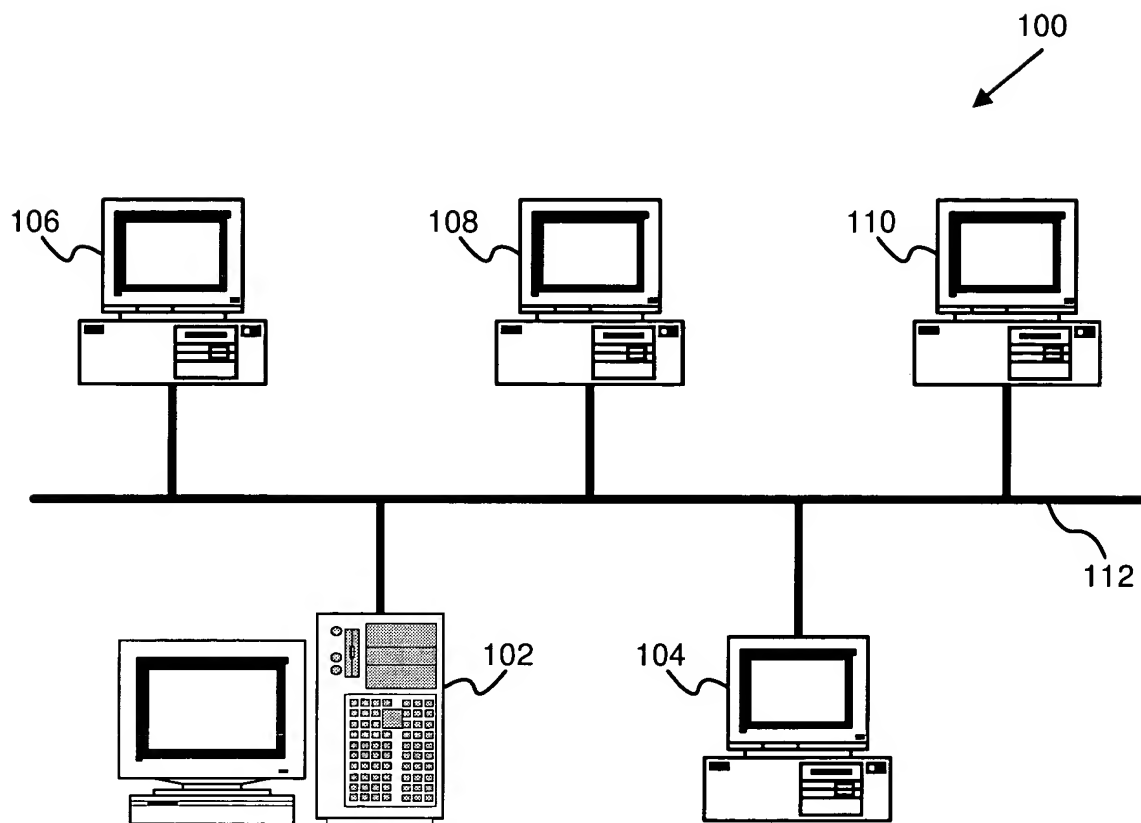


FIG. 1

APPARATUS, SYSTEM, AND METHOD FOR
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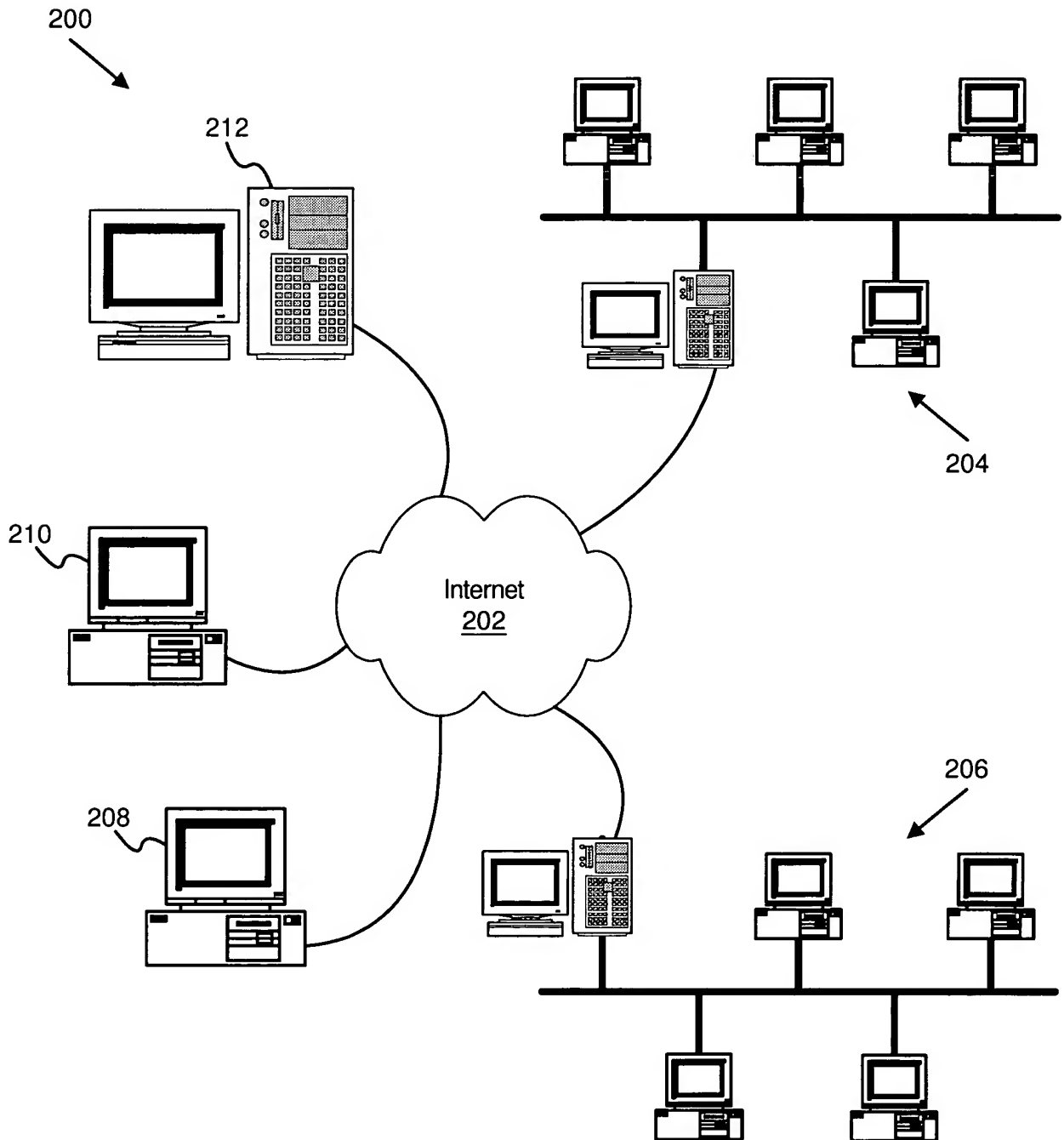


FIG. 2

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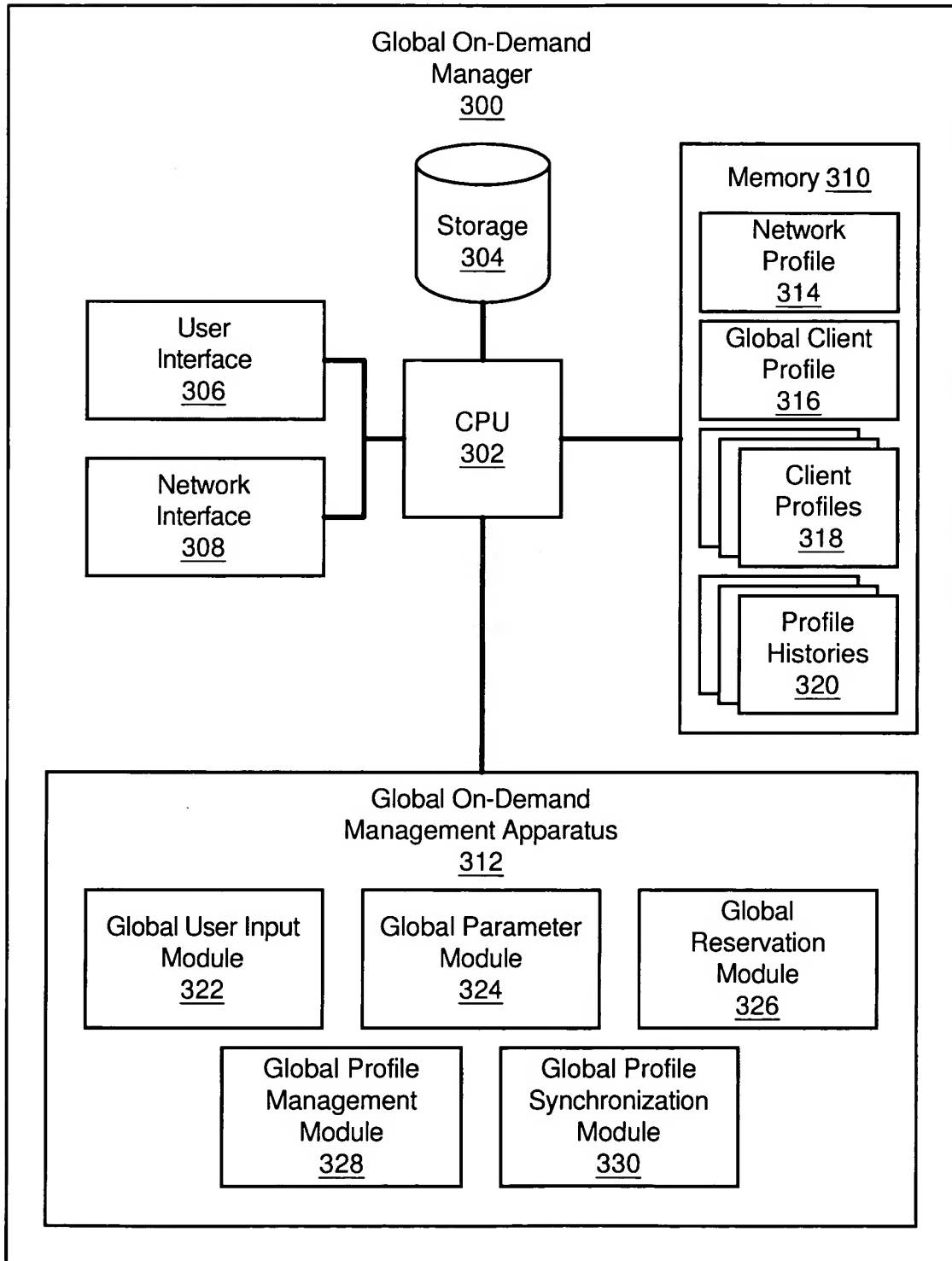


FIG. 3

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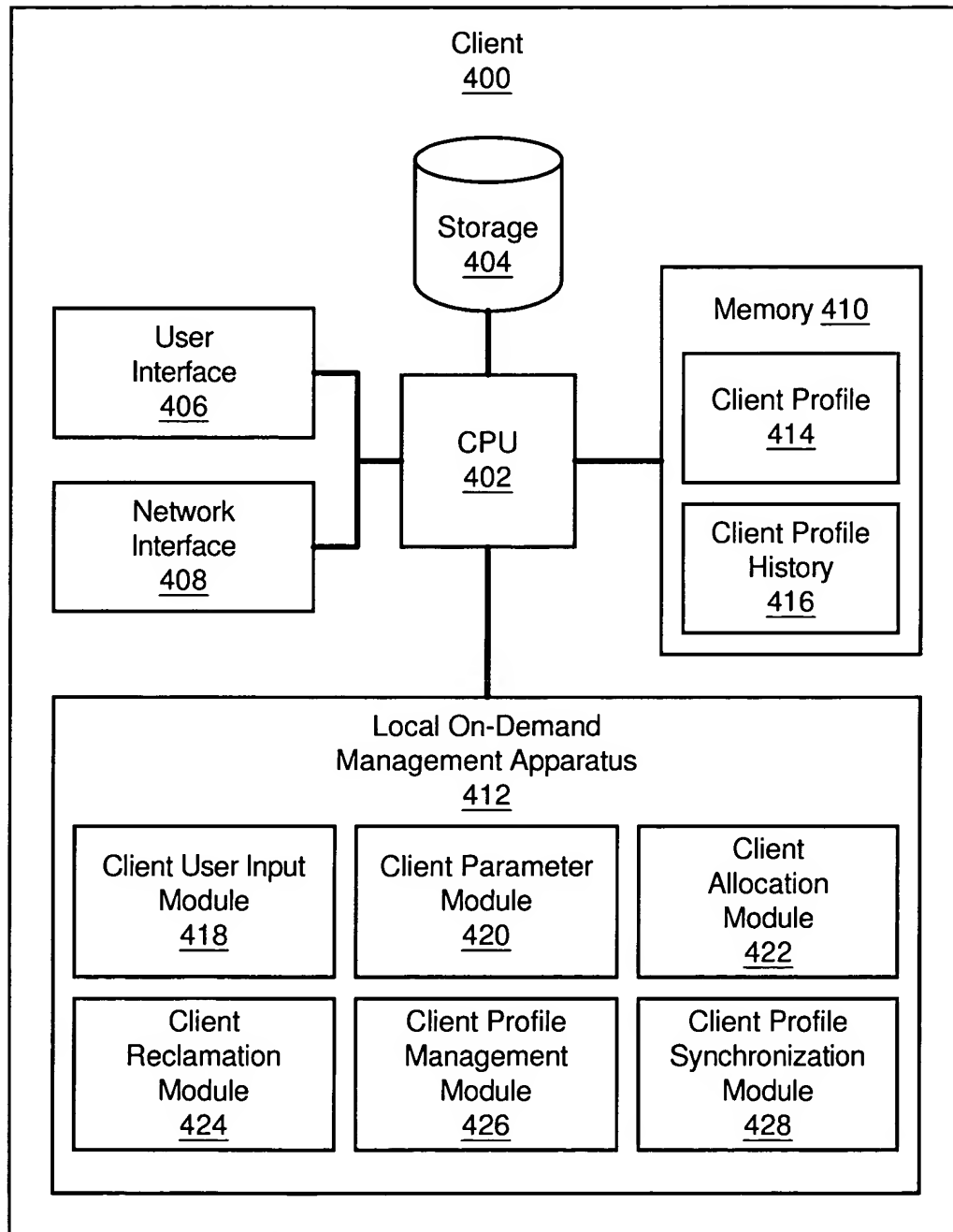


FIG. 4

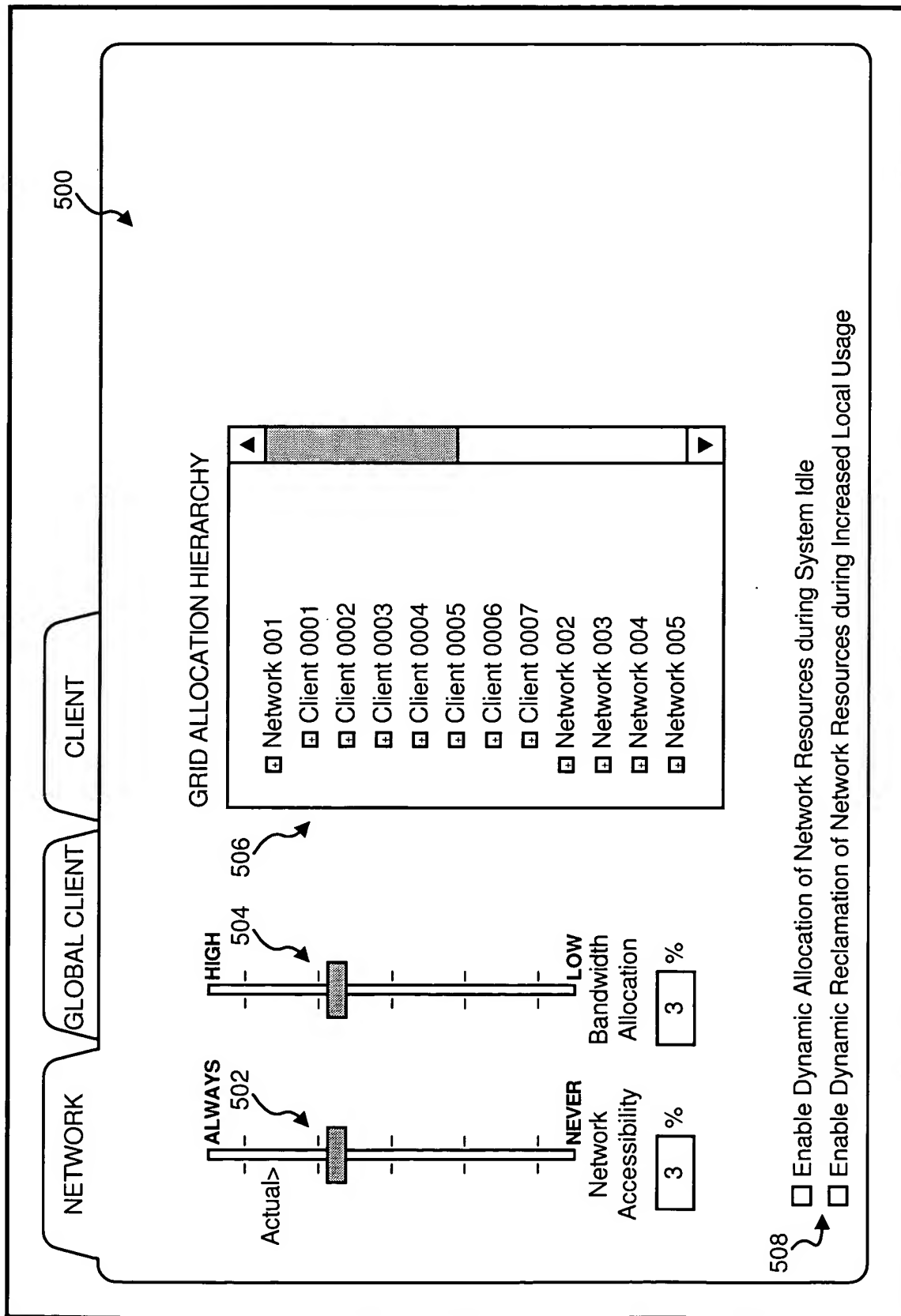
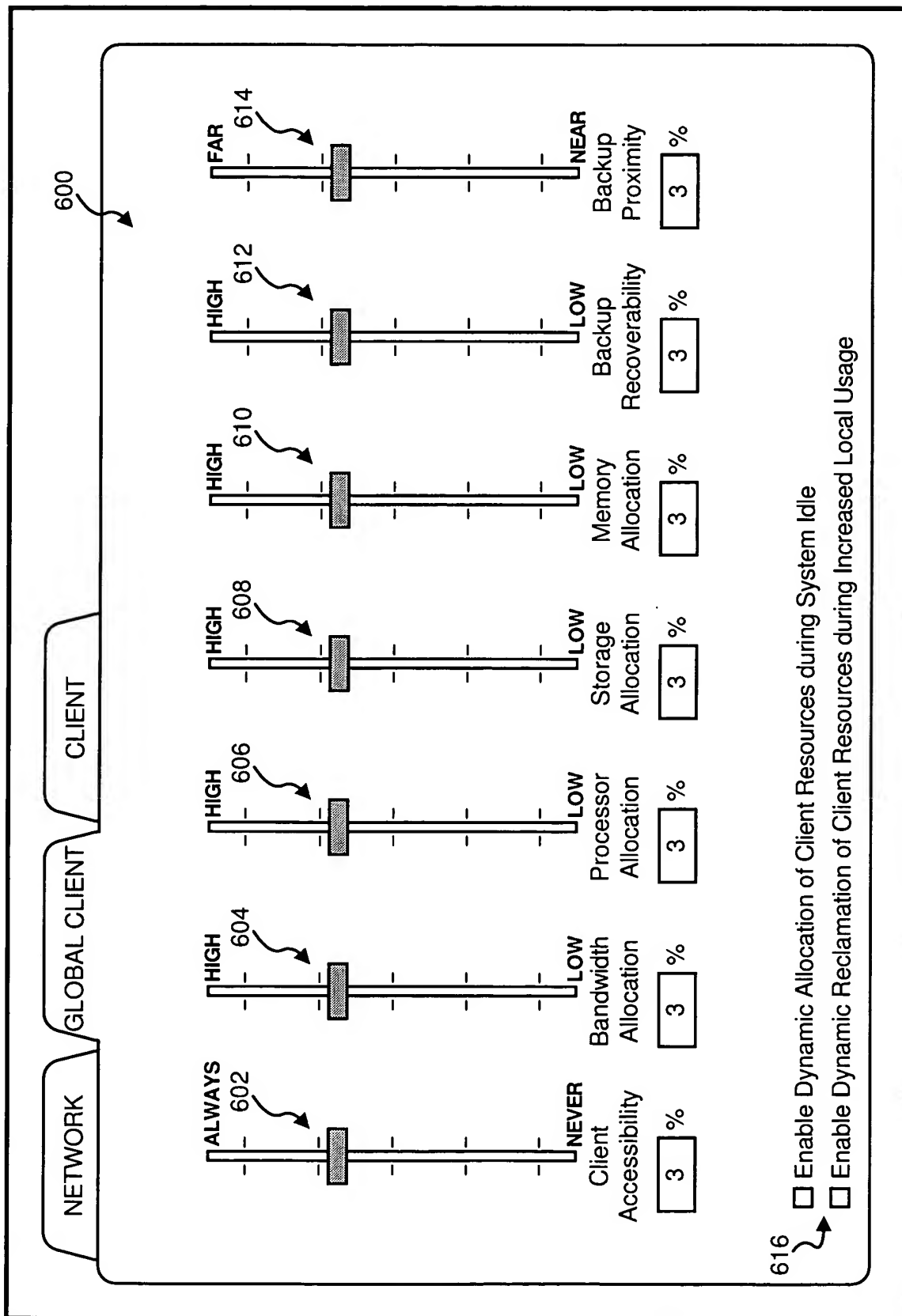


FIG. 5



NETWORK
GLOBAL CLIENT
CLIENT

Client 0001

☐ Enable Local Client Setting

702

Actual >

<p>706</p> <p>ALWAYS</p>	<p>708</p> <p>HIGH</p>	<p>710</p> <p>HIGH</p>	<p>712</p> <p>HIGH</p>	<p>714</p> <p>HIGH</p>	<p>716</p> <p>HIGH</p>	<p>718</p> <p>FAR</p>
Client Accessibility	Bandwidth Allocation	Processor Allocation	Storage Allocation	Memory Allocation	Backup Recoverability	Backup Proximity
80 %	10 %	5 %	25 %	3 %	100 %	3 %

720

☐ Enable Dynamic Allocation of Client Resources during System Idle
☐ Enable Dynamic Reclamation of Client Resources during Increased Local Usage

10 Gb

16 Mb

FIG. 7

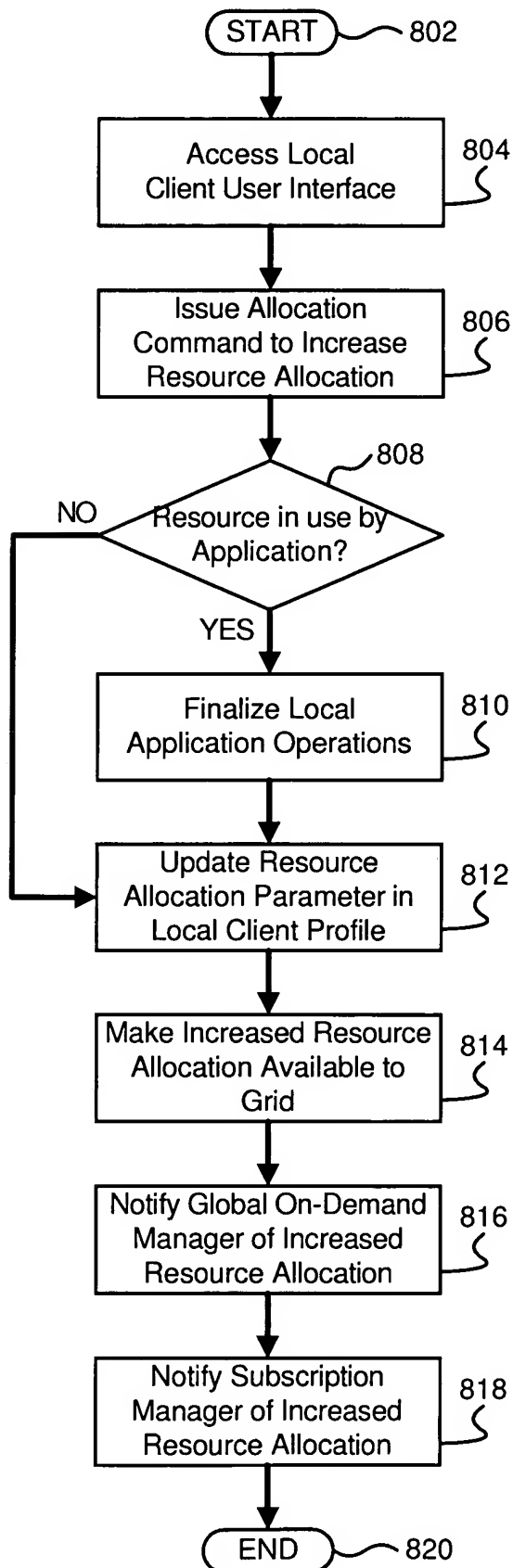


FIG. 8

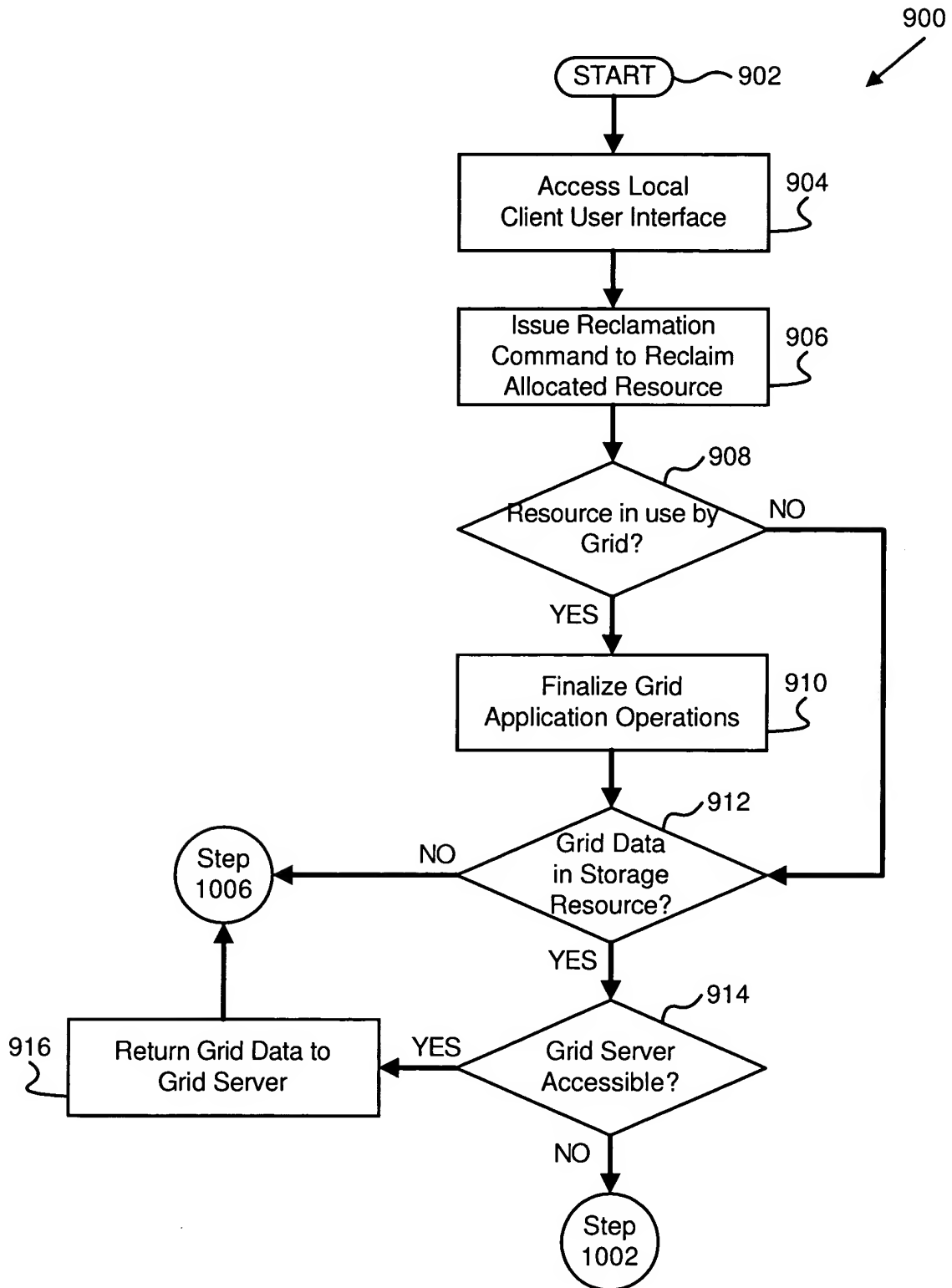


FIG. 9

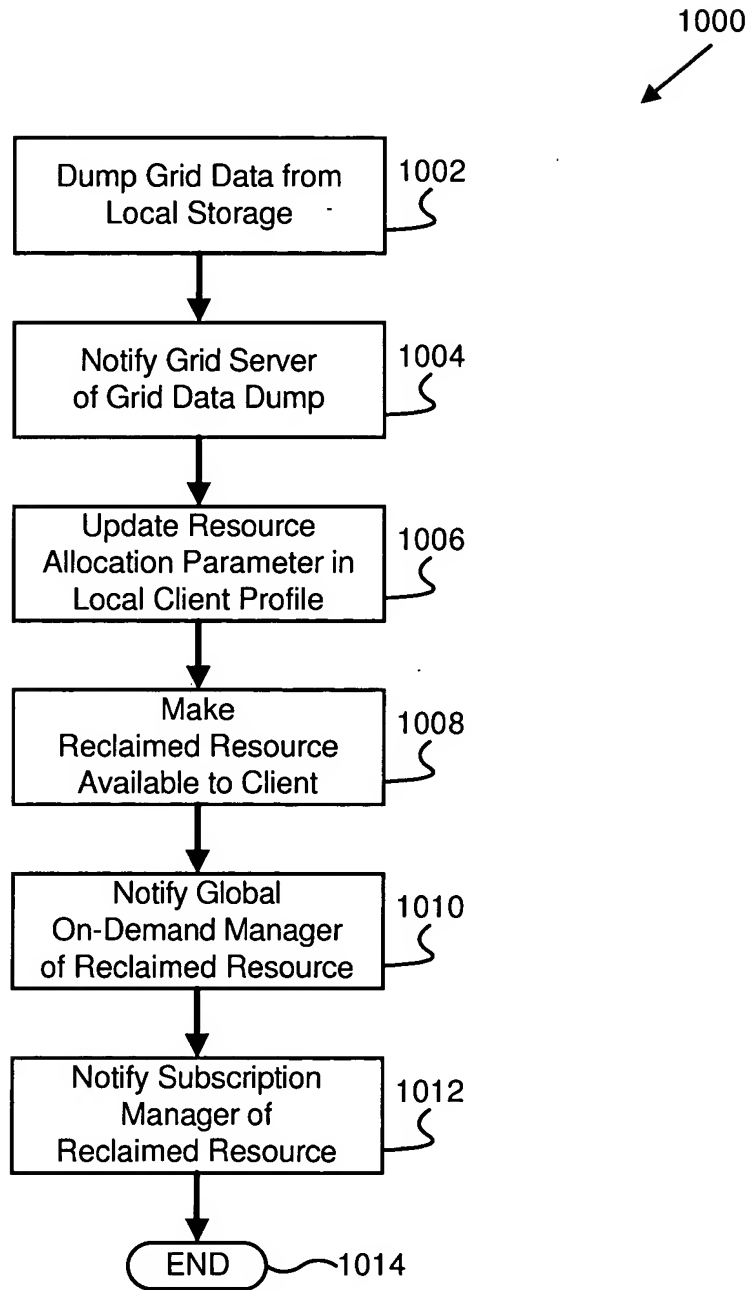


FIG. 10